Map Symbol	Map Unit Name	Nontechnical Descriptions
Ad	ARMISTEAD CLAY	This level, somewhat poorly drained soil is on natural levees on the alluvial plain. It has a clayey surface layer and loamy subsoil. Natural fertility is high. Permeability is slow in the surface layer and moderately slow in the subsoil. The soil has a seasonal high water table in winter and spring. The shrink-swell potential is low in the subsoil.
Br	BRILEY LOAMY FINE SAND, 5 TO 12 PERCENT SLOPES	This is a well drained, strongly sloping to moderately steep soil on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. The soil has low fertility and a low or moderate available water capacity. Permeability is rapid in the upper part of the soil and moderate in the lower part. Surface runoff is medium.
Ca	CADDO SILT LOAM	This poorly drained, level soil is on low, broad flats on uplands. Runoff is slow, and water and air move slowly through the soil. The soil is wet for long periods. A seasonal high water table is near the surface in winter and spring. The soil is loamy throughout. It is acid throughout and has low fertility.
Cd	CADEVILLE VERY FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	This moderately well drained, gently sloping soil is on ridgetops on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is medium. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
Ce	CADEVILLE VERY FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is rapid. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moserately eroded.
Ch	CAHABA FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping or gently sloping soil is on low stream terraces. It is loamy throughout, or it has a sandy surface layer and a loamy subsoil. Runoff is medium. Water and air move at a moderate rate through the subsoil. The soil dries quickly after rains. Plants are damaged by a lack of moisture during dry periods in summer and fall.
GY	GUYTON AND CASCILLA SOILS, FREQUENTLY FLOODED	These nearly level, poorly drained and well drained soils are on narrow flood plains. Flooding occurs frequently, generally in winter and spring and early in summer. The Guyton soil is poorly drained and is in low positions. It makes up most of the acreage. The Cascilla soil is well drained. It is on low ridges. The Guyton soil is grayish and loamy throughout. The Cascilla soil is loamy throughout and has a brownish subsoil. Natural fertility is low in both soils. The Guyton soil has a seasonal high water table that is near the surface for long periods. The shrink-swell potential is low in both soils.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Ga	GALLION SILT LOAM	This well drained, level or nearly level soil is on older natural levees on the flood plain of streams. It is loamy throughout and has high or moderately high natural fertility. Runoff is slow or medium. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years.The seasonal high water table is generally more than 6 feet below the surface, but in low places, it can rise to within 4 to 6 feet of the soil surface.
Gb	GALLION SILTY CLAY LOAM	This well drained, level soil is on older natural levees on flood plains. It formed in alluvium deposited by the Red River. The soil is loamy throughout and has high natural fertility. Runoff is slow. In places, water collects in low spots for short periods after rains. Water and air move through the subsoil at a moderate rate. Adequate water is available to plants in most years.
Gc	GALLION SILT LOAM, OCCASIONALLY FLOODED	This well drained, undulating soil is on parallel ridges and swales on natural levees on the Red River alluvial plain. The soil is subject to occasional flooding for brief to very long periods. This soil is loamy throughout and has high fertility. Runoff is slow. Movement of water and air through the soil is moderate.
Gn	GLENMORA SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping soil is on uplands. It is loamy throughout. Natural fertility is moderately low. Runoff is medium. Water and air move slowly through the subsoil. A seasonal high water table is about 2 to 3 feet below the surface in winter and spring. The subsoil has a moderate shrink-swell potential.
Go	GORE SILT LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It has a loamy surface layer and a clayey subsoil. The soil is acid throughout and has low fertility. Runoff is medium, and water moves very slowly through the subsoil. The shrink-swell potential is high or very high in the subsoil. In places, the soil is moderately eroded.
Gr	GORE SILT LOAM, 5 TO 12 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. The soil is acid throughout and has low fertility. Runoff is rapid, and water moves very slowly through the subsoil. The subsoil has a very high shrink-swell potential. In places, the soil is moderately eroded.
Gu	GUYTON SILT LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.

Map Symbol	Map Unit Name	Nontechnical Descriptions
		gently sloping soil is on terraces. It is loamy in the upper part of the subsoil and clayey in the lower part. Natural fertility is low or moderately low. Runoff is slow to medium. Water and air move slowly or very slowly through the clayey part of the subsoil. A seasonal high water table is perched on the clayey subsoil for long periods in winter and spring. In places, the soil is moderately eroded.
La	LATANIER CLAY	This somewhat poorly drained, level soil is on broad flats on flood plains. It formed in Red River alluvium. The soil has a clayey surface layer and a clayey subsoil underlain by stratified loamy material. Natural fertility is high. Runoff is slow. Water and air move very slowly through the soil. A seasonal high water table is about 1 to 3 feet below the surface in winter and spring. The soil has a very high shrink-swell potential. Cracks form as the soil dries.
Ma	MALBIS FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.
Me	MAYHEW SILTY CLAY LOAM	This poorly drained, level soil is on the terrace uplands. It has a loamy surface layer and a clayey subsoil. Natural fertility is low. A seasonal high water table is near the surface for long periods in winter and spring. Runoff is very slow and water stands in low places for short periods after rains. The soil has a high shrink-swell potential in the subsoil.
Mf	METCALF VERY FINE SANDY LOAM	This nearly level, somewhat poorly drained soil is on broad ridgetops on uplands. It has a loamy surface layer. The subsoil is loamy in the upper part and clayey in the lower part. Natural fertility is low. The soil has a seasonal high water table. It has a high shrink-swell potential in the subsoil. Permeability is very slow. Surface runoff is medium.
Mn	MORELAND SILT LOAM, OVERWASH	This somewhat poorly drained,level soil is on the flood plain of the Red River. It has a loamy surface layer and a clayey subsoil. Natural fertility is high. Runoff is slow. Water and air move very slowly through the subsoil. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is very high in the subsoil.
Mo	MORELAND SILTY CLAY LOAM	This somewhat poorly drained,level soil is on the flood plain of the Red River. It has a loamy surface layer and a clayey subsoil. Natural fertility is high. Runoff is slow. Water and air move very slowly through the subsoil. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is very high in the subsoil.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Mr	MORELAND CLAY	This somewhat poorly drained, level soil is on flood plains. It formed in Red River alluvium. The soil has a clayey surface layer and a clayey subsoil. Natural fertility is high. Runoff is slow. Water and air move very slowly through the subsoil. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is very high in the subsoil.
Mt	MORELAND CLAY, GENTLY UNDULATING	This somewhat poorly drained, clayey soil is on short irregular slopes in a ridge-and-swale topography on the flood plain. The soil is clayey throughout. Natural fertility is medium or high. Runoff is medium on the ridges. Water accumulates for short periods in the swales after rains. A seasonal high water table is near the surface in winter and spring. This soil has a very high shrink-swell potential.
Mw	MORELAND CLAY, OCCASIONALLY FLOODED	This somewhat poorly drained, level soil is on the flood plain of the Red River. It is subject to occasional flooding for long periods. The soil is clayey throughout. Natural fertility is high. A seasonal high water table is near the surface in winter and spring. Water and air move very slowly through the soil. Cracks form when the soil dries. The soil has a very high shrink-swell potential.
Nd	NORWOOD SILT LOAM	This well drained, level soil is on natural levees on the Red River flood plain. It is loamy and alkaline throughout. Natural fertility is high. Movement of air and water through the soil is moderate. Runoff is slow. This soil dries quickly after rains.
No	NORWOOD SILTY CLAY LOAM	This well drained, level soil is on natural levees on the Red River flood plain. It is loamy and alkaline throughout. Natural fertility is high. Movement of air and water through the soil is moderate. Runoff is slow, and excess water accumulates for short periods after rains. This soil dries moderately slowly after rains.
Nr	NORWOOD SILT LOAM, GENTLY UNDULATING	This well drained, loamy soil is on parallel ridges and swales on natural levees on the Red River flood plain. It is protected from flooding by man-made levees. The soil is loamy throughout and has high fertility. Runoff is slow. Movement of water and air through the soil is moderate.
Pt	PITS, GRAVEL	This map unit consists of open excavations from which sand and gravel have been removed. The areas range from gently sloping to steeply sloping. They generally are barren of vegetation.
RK	RIGOLETTE-KISATCHIE ASSOCIATION, HILLY	The somewhat poorly drained Rigolette soil and the well drained Kisatchie soil are on uplands. The landscape is narrow ridgetops and moderately sloping to steep side slopes. A few outcroppings of rock are in most areas. The Rigolette soil has sandy surface and subsurface layers. The subsoil is loamy and clayey. The Kisatchie soil has a loamy surface layer and a loamy and clayey subsoil. It is underlain by sandstone.

Map Symbol	Map Unit Name	Nontechnical Descriptions
RR	RUSTON-CADEVILLE ASSOCIATION, MODERATELY ROLLING	The well drained Ruston soil and the moderately well drained Cadeville soil are on uplands. The landscape is very gently sloping to gently sloping ridgetops and moderately sloping to strongly sloping side slopes. The Ruston soil is on ridgetops. It is loamy throughout. Permeability is moderate. The Cadeville soil is on side slopes. It has a loamy surface layer and a clayey subsoil. Permeability is very slow. Natural fertility is low in both soils.
RS	RUSTON-SMITHDALE ASSOCIATION, MODERATELY ROLLING	These soils are rolling and well drained. They are on narrow ridgetops on uplands. The mapped areas are about 60 percent Ruston soil and 25 percent Smithdale soil. Both soils are loamy throughout. Surface runoff is medium or rapid. Permeability is moderate in both soils. Natural fertility is low.
Rm	ROXANA VERY FINE SANDY LOAM	This well drained, level soil is on natural levees on the Red River flood plain. It is loamy and alkaline throughout. Natural fertility is high. Movement of air and water through the soil is moderate. Runoff is slow. This soil dries quickly after rains.
Rn	ROXANA VERY FINE SANDY LOAM, OCCASIONALLY FLOODED	This well drained, undulating soil is on parallel ridges and swales on natural levees on the Red River alluvial plain. The soil is subject to occasional flooding for brief to very long periods. This soil is loamy throughout and has high fertility. Runoff is slow. Movement of water and air through the soil is moderate.
Ro	ROXANA VERY FINE SANDY LOAM, FREQUENTLY FLOODED	This well drained, undulating soil is on ridges and swales on the Red River alluvial plain. It is on the unprotected side of the man-made levee and is subject to frequent flooding. This soil is loamy throughout and has high fertility. Runoff is slow. Movement of water and air through the soil is moderate.
Rp	RUSTON FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
Sm	SMITHDALE FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This well drained, strongly sloping soil is on side slopes on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of water and air through the soil is moderate. Plant roots penetrate the soil easily.
St	SUMTER VARIANT SILTY CLAY LOAM, 1 TO 5 PERCENT SLOPES	This gently sloping, well drained soil is calcareous and alkaline throughout. It is on uplands. The soil is loamy throughout, or it has a loamy surface layer and a loamy and clayey subsoil. Surface runoff is medium, and permeability is slow. The soil has a high shrink-swell potential. Natural fertility is medium.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Un	UNA SILTY CLAY, FREQUENTLY FLOODED	This level, poorly drained soil is on flood plains. It is subject to frequent flooding. The soil is clayey throughout, or it has a loamy surface layer and a clayey subsoil. Permeability is very slow. Natural fertility is medium. The soil has a seasonal high water table for long periods in winter and spring. The shrink-swell potential is high.
Uo	URBO VARIANT SILTY CLAY LOAM, OCCASIONALLY FLOODED	This very gently sloping, somewhat poorly drained soil is on low ridges within the flood plain of major streams. It is subject to occasional flooding. The soil is loamy throughout. Permeability is slow. Natural fertility is medium. The soil has a seasonal high water table in winter and spring. The shrink-swell potential is moderate.
Va	VAIDEN SILTY CLAY, 1 TO 5 PERCENT SLOPES	This nearly level, somewhat poorly drained soil is on broad ridgetops on uplands. It has a loamy or clayey surface layer and a clayey subsoil. The soil has low natural fertility. Permeability is very slow. The soil has a seasonal high water table. Surface runoff is slow. The shrink-swell potential is very high in the subsoil.
Yo	YORKTOWN SILTY CLAY	This level, very poorly drained soil is in low backswamps on flood plains. It is ponded or frequently flooded most of the time. The soil is clayey throughout. Natural fertility is high. Permeability is very slow. The soil has a very high shrink-swell potential.